

PII S0741-8329(97)00145-6

KEYWORD INDEX

- Abstinence, 269
 Acetaldehyde, 469, 493
 Acquisition, 463
 Activity, 25
 Acute tolerance, 125, 373
 Addiction, 237
 Adenosine triphosphate, 569
 Age, 191
 Alcohol, 81, 99, 155, 205, 231, 255, 333, 373, 611
 Alcohol abuse, 55, 403, 463
 Alcohol consumption, 45, 149
 Alcohol dehydrogenase, 205
 Alcohol dose, 125
 Alcohol drinking, 71
 Alcohol flushing, 205
 Alcohol intake, 9, 175
 Alcohol preference, 45
 Alcohol self-administration, 379, 503
 Alcohol sensitivity, 225
 Alcohol utilization, 199
 Alcohol and water, 327
 Alcoholic liver disease, 39, 611
 Alcoholic myopathy, 545
 Alcoholic types, 31
 Alcoholics, 161
 Alcoholism, 493
 Alcohol-preferring rats, 141
 Alcohol-related birth defects, 389, 585
 Aldehyde dehydrogenase (ALDH), 181, 205, 611
 Alpha₂-adrenoceptor agonist, 537
 Amnesia, 511
 Amphetamine, 45, 281, 551
 Analgesia, 361
 Angiotensin II, 1, 71, 511
 Angiotensin II AT₁ receptor, 1
 Animal model (rat), 585
 Anterior pituitary, 209, 497
 Antioxidant enzymes, 301, 431
 α₁-Antitrypsin, 295
 Apoptosis, 99
 Arsenic-ethanol interaction, 563
 Ascorbic acid, 431
 Astrocyte, 111, 333, 445
 AT₁ receptor, 511
 Avoidance conditioning, 503
 Basal forebrain, 93
 Behavioral sleep, 167
 Behaviour, 247
 Benzodiazepine, 455
 Biochemical indices, 563
 Biological markers, 9
 Blood, 469
 Blood alcohol, 361
 Blood alcohol concentration, 49
 Blood and breath alcohol concentration, 373
 Blood chemistry profiles, 161
 Blood ethanol levels, 503
 Blood-brain barrier, 237, 333
 Body temperature, 131
 Brain alkaloids, 213
 C57 mice, 191
 Caffeine, 351
 Calcium, 351
 Calcium channel blocker, 21
 Calcium dependent, 557
 Calcium independent, 557
 Calmodulin antagonist, 351
 Calphostin C, 351
 Capillary, 333
 Carbon monoxide, 117
 Cell culture, 111
 Cell response to cytokines, 421
 Cerebellar granule cells, 575
 Cerebellum, 117, 333
 Cerebral blood vessels, 367
 Cerebral cortex, 117
 Cerebral vascular smooth muscle cells, 367
 Chemical injury, 445
 Chocolate-flavored drink, 617
 Cholecystokinin antagonism, 327
 Cholinergic, 93
 Chorda tympani, 473
 Chronic alcohol intoxication, 247
 Chronic ethanol treatment, 445
 Cirrhosis, 611
 Cognition, 511
 Cognitive performance, 125
 Conditioned place aversion, 63
 Conditioned taste aversion, 63, 261
 Conditioned taste and place aversion, 439
 Continuous access, 379
 Convulsions, 167
 Copper, 39
 Cortex, 557
 Corticosterone, 175, 585
 CPP, 261
 CTA, 261
 D-cycloserine, 345
 Cytokine, 155
 Cytokine metabolism, 421
 Cytokine receptors, 421
 Cytokine secretion, 421
 Delayed hypersensitivity, 149
 Dentate granule cell LTP, 1
 Dentate gyrus, 1
 Dependence, 247
 Detoxification, 493
 Development, 333, 575
 Dexmedetomidine, 537
 Diet, 25
 5,7-Dihydroxytryptamine, 439
 Diltiazem, 21
 Discriminant function analysis, 161
 Dopamine, 45, 485, 585, 593
 Dopamine D₁, 141, 603
 Dopamine D₂, 603
 Dopamine D₃, 141, 603
 Dose, 373
 Drinking history, 125, 373
 Drug discrimination, 345
 Early weaning, 175
 FEG, 231
 Efflux, 237
 Electrochemistry, 593
 Ethanol, 1, 55, 63, 93, 107, 111, 117, 131, 167, 209, 213, 269, 301, 345, 361, 389, 403, 421, 463, 473, 485, 533, 537, 551, 569, 575, 581, 593
 Ethanol actions, 21
 Ethanol cue, 191
 Ethanol discrimination, 191
 Ethanol metabolizing isoenzymes, 205
 Ethanol preference, 213, 617
 Ethanol withdrawal, 319
 Ethnic differences, 205
 EtOH, 261
 Excessive consumption, 9
 Exercise, 301
 Extinction, 503
 FAS, 231
 Fat, 25
 Fenfluramine, 45
 Fetal alcohol exposure, 497
 Fetal alcohol syndrome, 231, 313, 519, 569, 585
 Fetal guinea pig, 117
 Fetal weight, 397
 Fibrogenesis, 39
 Formaldehyde, 295
 Free recall, 455
 Free-choice test, 327
 FSH, 497
 Furaptra, 533
 GABA_A antagonists, 167
 GABA_B receptor, 213
 Gender and age dependence, 527
 General population, 161
 Genetic peptide, 237
 Genetic polymorphism, 205
 Genotype, 527
 GFAP, 445
 Glucose, 71
 Glutamate receptors, 575
 Glutathione, 301, 569
 Glycine antagonist, 167
 Granuloma, 255
 Haematopoietic, 563
 Haloperidol, 281
 Head dipping, 25
 Heart, 301
 Heavy drinkers, 161
 Heavy social drinking, 455
 Heme oxygenase, 117

- Hepatic, 563
 Hepatic alcohol dehydrogenase, 527
 High alcohol-drinking rats (HAD rats), 603
 High and low ADH activity, 527
 High performance liquid chromatography, 469
 Hippocampus, 1, 117, 231, 519, 557
 5-HT₃ receptor, 63
 5-HT₃ receptor antagonists, 63
 Humans, 125, 373
 Hypoplasia, 313
 Hypothalamus, 1, 585
- Immune stimulation, 255
 Immune suppression, 255
 In vivo, 593
 Inbred strain, 389
 Inbred strains of mice, 527
 Information processing, 269
 Inhalation, 49
 Inhibition of aldehyde dehydrogenase, 181
 Initiation, 379
 Insulin, 71
 Interaction, 125
 Intracellular free calcium ions, 367
 Intracellular M, 533
 Iodocyanopindolol, 141
 Iron, 39
 1-(5-Isoquinoliny)sulfonyl)-2-methylpiperazine, 351
- Ketanserin, 603
 Kindling, 319
 Korsakoff's syndrome, 81
- Learning, 511
 Lewis rats, 379
 LH, 497
 Lieber-DeCarli diet, 107
 Limited access, 379, 503
 Lipid peroxidation, 301
 Liquid diets, 199
 Litter size, 397
 Locomotion, 551
 Locomotor activity, 131, 175
 Long-term potentiation (LTP), 1, 511
 Lorazepam, 455
 Losartan, 1, 511
 LTP inhibition, 1
 LY 278584, 141
 Lymphocyte phenotype, 107
- Maintenance, 463
 Malformations, 397
 Manganese, 39
 Maze performance, 445
 Memory, 511
 Methanol, 431
 Methanol intoxication, 295
 Methionine enkephalin, 237
 Mice, 319
 Microdialysis, 485
 Mid-latency auditory evoked potentials, 269
- Mitochondria, 99
 Moderate ethanol, 557
 Monokine and murine AIDS, 155
 Morphine, 55, 63, 71, 281, 361, 463
 Mouse, 149, 389
 mRNA, 361, 545
 Mucosal immunology, 107
 Multiple schedule, 281
 Muscle, 545
Mycobacterium bovis, 255
- N. accumbens, 485
 Na, 269
 Naloxone, 281
 Naltrexone reinforcement, 581
 Neurofilament proteins, 519
 Neuronal differentiation, 519
 Neurons, 445
 Neuropsychological functioning of alcoholics' offspring, 31
 Nicotinic receptors, 131
 Nitric oxide, 181
 NMDA, 533, 575
 NMDA receptor antagonist, 167
 NMDA receptor complex, 345
 Nomifensine, 593
 Novelty, 551
 NRC diet, 107
 Nucleus basalis of Meynert, 3
- 7-OH DPAT, 141, 603
 8-OH DPAT, 603
 Opiates, 581
 Opioid receptors, 361
 Opioids, 55, 403, 463
 Optic nerve, 313, 333
- Pa, 269
 Paternal alcohol, 397
 Pathological changes, 563
 Peyer's patches, 107
 Phorbol ester binding, 575
 Phorbol 12-myristate 13-acetate, 351
 PKC translocation, 575
 Place conditioning, 261
 Placenta, 397
 Platelet aggregation, 49
 Potassium, 351
 Prenatal alcohol, 25
 Primary care outpatients, 161
 Primary cultured neurons, 519
 Primates, 473
 Prolactin, 585
 Prostaglandins, 367
 Protein kinase C, 209, 557
 Protein level, 199
 Protein metabolism, 545
 Psychomotor performance, 125
 PTS-1, 237
 Punishment, 503
- Radial maze, 511
 Rat, 25, 63, 81, 99, 225, 247, 327, 333, 345, 397, 431, 445, 533, 545, 557, 563, 593
- Reinforcement, 281, 617
 Restraint, 551
- Sardinian alcohol-preferring (sP) and -non preferring (sNP) rats, 617
 SCH 23390, 141
 Seizures, 319
 Selective breeding, 225
 Serotonergic pathways, 439
 Serotonin, 45, 63
 Serotonin_{1A}, 603
 Serotonin_{1B}, 141
 Serotonin_{2A}, 603
 Serotonin₃, 141
 Severity of alcohol dependence, 31
 Sexual dimorphism, 527
 SH groups, 431
 Shuttle box, 503
 Social isolation, 175
 Solid phase extraction, 469
 Sons of alcoholics, 31
 Stress, 403, 551, 585
 Stroke, 367
 Subjective rating, 373
 Sucrose, 55, 281
 Sucrose/ethanol, 281
 Sucrose solution, 617
 Sulpiride, 585, 603
 Sweet taste, 473
- Taste, 473
 Taste reactivity, 225
 Temperature, 167
 Temporal effects, 149
 Tension reduction hypothesis, 551
 Teratogenesis, 389
 Tetrahydro- β -carboline, 213
 Theta rhythm, 231
 Thiamin deficiency, 81
 Thymocytes, 99
 α -Tocopherol, 431
 Tolbutamide, 71
 Tolerance, 131
 Toxicity, 493
 Tropisetron, 63
 TWEAK, 161
 Two-bottle paradigm, 503
- UChA and UChB rats, 21
- Vascular smooth muscle, 351
 Vasoconstriction, 351
 Vasospasm, 367
 Vocalization, 557
 Voltammetry, 485
 Voluntary ethanol intake, 617
- Wistar rats, 503
 Withdrawal, 269, 537
- Zinc, 39

PII S0741-8329(97)00146-8

AUTHOR INDEX

- Abel, E. L., 25, 397
Addolorato, G., 569
Agabio, R., 617
Altura, B. M., 367
Altura, B. T., 367
Amit, Z., 551, 581
Aravindakshan, M., 527
Armstrong, D. L., 1, 511
Aufrère, G., 247
- Baccarini, P., 569
Badia-Elder, N. E., 225
Baird, T. J., 261
Banks, W. A., 237
Barret, L., 111
Barrios, M., 575
Basista, M. H., 493
Batista-Lopez, N., 39
Battaini, F., 557
Beaugé, F., 247
Becker, H. C., 319
Beleslin, D. B., 167
Berger, P., 445
Berman, R. F., 231
Bessard, G., 111
Bielawski, D. M., 397
Bienkowski, P., 63, 345, 439
Boehm, S. L., II, 389
Bond, N. W., 81
Booker, T. K., 131
Bowers, W. J., 551
Brecher, A. S., 493
Brien, J. F., 117
Briscoe, R. J., 261
Broch, M., 611
- Caldwell, J., 389
Carroll, J., 361
Castilla, A., 9
Cayo, B., 21
Chamberlain, J. K., 603
Chan, A. W. K., 161
Chauhan, P. S., 527
Chen, B., 361
Cheng, T. P.-O., 367
Chernet, E., 141, 603
Chitwood, R., 1
Chmielewski, C. E., 313
Cline, E. J., 593
Collins, A. C., 131
Colombo, G., 617
Colombo, L. L., 107
Cook, E. B., 545
Cook, M. N., 117
Corsi, M., 327
Cortese, B. M., 231
Crespi, F., 327
Cuomo, V., 557
- Dahlseid, T., 181
Danilova, V., 473
- Davidson, D., 581
Deaciuc, I. V., 421
DeMaster, E. G., 181
De Miguel, J. E., 9
Denning, C. E., 379
De Salvia, M. A., 557
Diaz, G., 617
Diaz-Granados, J. L., 319
DiCerbo, J. A., 519
Djokanović, N., 167
Dong, Q. S., 49
Dryhurst, G., 213
Duttaroy, A., 361
- Emanuele, M., 209
Emanuele, N., 209
England, T., 327
Erickson, H. L., 485
Eriksson, C. J. P., 175
Eysseric, H., 111
- Fà, M., 617
Fahlke, C., 175
Farbiszewski, R., 431
Fernández-Muixí, F., 611
Ferré, N. A., 503
Files, F. J., 379
Fisher, H., 45, 199
Flora, S. J. S., 563
Floyd, E. A., 93, 269, 485
Ford, B. D., 93
Franke, H., 445
- Galindo-Martin, L., 39
Gasbarrini, A., 569
Gasbarrini, G., 569
Gauvin, D. V., 261
Gaviraghi, G., 327
Gerhardt, G. A., 485, 593
Gessa, G. L., 617
Gilliam, D. M., 389
Gonthier, B., 111
Gonzalez, S., 21
González-Reimers, E., 9, 39
Govoni, S., 557
Granato, A., 569
Grieco, A., 569
Griffin, G. E., 545
Grosseclose, C. H., 191
Grossman, C. J., 255
Grupp, L. A., 71
Guan, X.-M., 141
Gutiérrez, C., 611
- Haapalinna, A., 537
Hackett, J. A., 585
Halladay, A., 199
Hammond, L. J., 403
Han, J., 213
Han, Q.-P., 213
- Handa, R. J., 497
Hannigan, J. H., 231, 519, 585
Hård, E., 175
Harding, S., 71
Heinonen, E., 537
Hellekant, G., 473
Hellman, K., 493
Hernández, L. M., 313
Hernández-Torres, M., 503
Hernandez-Torres, O., 39
Hervonen, A., 537
Hiltunen, A. J., 125, 373
Hodge, C. W., 281, 485
Holloway, F. A., 261
Homewood, J., 81
Hsu, G., 71
Husain, K., 301
- Iwinska, K., 439
- Jaatinen, P., 537
Jovanović-Mičić, D., 167
- Kalivas, P. W., 485
Kannan, G. M., 563
Karanian, J. W., 49
Kastin, A. J., 237
Kiefer, S. W., 225
Kirsteins, L., 209
Kittner, H., 445
Klemm, W. R., 469
Kostowski, W., 63, 345, 439
Krahl, S. E., 231
Krueger, S. K., 333
Kuca, P., 63
- LaPaglia, N., 209
Lau-Cam, C., 361
Lawrence, A., 209
Le Bourhis, B., 247
Leslie, S. W., 533
Li, H., 213
Li, T.-K., 141, 603
Liang, B., 155
Liljequist, S., 575
Lobina, C., 617
Lopez, M. C., 107
López-Peñalver, A., 9
Lorenzo, A., 611
Lumeng, L., 141, 603
Lundahl, K. R., 389
- Ma, W., 469
Macallan, D. C., 545
MacKenzie, A., 81
Malhotra, P. R., 563
Marcoccia, S., 569
Marks, G. S., 117
Martin, F., 455
McBride, W. J., 141, 603

- McMillen, B. A., 309, 409, 623
 Meister, S., 55
 Meister, S. C., 463
 Mendenhall, C. L., 255
 Middaugh, L. D., 191
 Mielczarska, J., 295
 Molina-Perez, M., 39
 Monderson, T., 361
 Monteiro, M. G., 205
 Moore, E. L., 93, 269
 Morgan, R. A., 351
 Myers, A. K., 49

 Nadal, R. A., 503
 Nagasawa, H. T., 181
 Nakatsu, K., 117
 Ng, N., 71
 Nichols, J. M., 455
 Niehus, J. S., 485
 Ninomiya, Y., 473
 Noble, E. P., 31

 Oksanen, H., 537
 Ozkaragoz, T., 31

 Pallarés, M. A., 503
 Palmer, M. R., 593
 Palmer, T. N., 545
 Pant, S. C., 563
 Pascale, A., 557
 Pérez-Rodríguez, J. C., 9
 Persichella, M., 557
 Peters, T. J., 545
 Peterson, J. D., 149
 Phelix, C., 1
 Philippe, J., 361
 Phillips, D. E., 333
 Phillips, K. S., 533
 Piasecki, J., 63, 439
 Picabea, L., 313
 Pozas, J. A., 313
 Prada, F. A., 313
 Preedy, V. R., 545

 Quast, B. J., 181
 Quesada, A., 313
 Quintanilla, M. E., 21

 Rao, U. N., 527
 Ratti, E., 327
 Reali, R., 617
 Reasor, J. D., 93, 269
 Reddy, P. P., 25
 Redfern, B., 181
 Richart, C., 611
 Riihioja, P., 537
 Roberts, T., 473
 Rodríguez-González, C., 9
 Rodríguez-Moreno, F., 39
 Roselle, G. A., 255
 Rouster, S. D., 255
 Rucker, H. K., 93, 269
 Russell, R. N., 141, 603

 Sabongui, A. G., 551
 Samardžić, R., 167
 Samson, H. H., 281, 379, 485
 Santolaria, F., 9
 Santolaria-Fernandez, F., 39
 Santos, B. R., 205
 Satyanarayan, V., 527
 Satz, P., 31
 Saunders, D. E., 519
 Saxod, R., 111
 Sbriccoli, A., 569
 Schramek, J., 445
 Schba, F., 361
 Sekowski, A., 45, 199
 Shah, S., 361
 Sikora, A. K., 333
 Simoncini, M., 569
 Skrzydlewska, E., 295, 431
 Slawecki, C. J., 281
 Smoyer-Dearing, L. H., 333
 Somani, S. M., 301
 Soubeyran, A., 111
 Spitzer, J. J., 99
 Stefanini, G. F., 569
 Stefanski, R., 345
 Steiner, J., 209
 Stevenson, D. K., 117
 Stromberg, M. F., 55, 403, 463
 Subramanian, M. G., 585

 Tampier, L., 21

 Theus, S. A., 255
 Thomasson, H. R., 205
 Tilak, J., 585
 Toda, R., 611
 Townsel, J. G., 93
 Tracy, H. A., Jr., 511
 Trist, D. G., 327

 Ulm, R. R., 55, 463

 Vagni, G., 569
 Valenzuela, M., 21
 Vallett, M., 261
 Vidal, F., 611
 Volpicelli, J. R., 55, 463
 Vreman, H. J., 117

 Wagner, G. C., 45, 199
 Wall, K. A., 333
 Waltenbaugh, C., 149
 Wang, J.-F., 99
 Wang, J. Y., 155
 Wang, Y., 593
 Waskiewicz, J., 213
 Watson, R. R., 107, 155
 Watzl, B., 107
 Wayner, M. J., 1, 511
 Weathersby, R. T., 319
 Welte, J. W., 161
 Werber, A. H., 351
 Wesely, L., 49
 Williams, D., 209
 Williams, J. R., 519
 Wilson, M. E., 497
 Wilson, W. R., 533
 Wirkner, K., 445
 Wong, D. T., 141
 Wrona, M. Z., 213

 Yang, C., 351
 Yoburn, B. C., 361
 Young-Seigler, A. C., 93
 Yu, Y.-L., 45, 199

 Zhang, A., 367
 Zhou, P., 351

